

23. The host cell of claim 22, wherein said cell is a corn, rice, tobacco, potato, tomato, flax, canola, sunflower, cotton, wheat, oat, barley, or rye cell.
- 5 24. The host cell of claim 20, wherein said cell is comprised within a transgenic plant.
25. The host cell of claim 20, wherein said cell produces a polypeptide having insecticidal activity against Lepidopterans
- 10 26. The host cell of claim 20, wherein said cell comprises a pluripotent plant cell.
- 15 27. A composition comprising an isolated polypeptide that comprises the amino acid sequence of SEQ ID NO:59 or SEQ ID NO:61.
- 20 28. The composition of claim 27, wherein said polypeptide is insecticidally-active against Lepidopterans.
- 25 29. The composition of claim 27, wherein said polypeptide is isolatable from *Bacillus thuringiensis*.
30. The composition of claim 27, wherein said polypeptide comprises from about 0.5% to about 99% by weight of said composition.
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31. The composition of claim 30, wherein said polypeptide comprises from about 50% to about 99% by weight of said composition.

5 32. A composition comprising a polypeptide preparable by a process comprising the steps of:

(a) culturing a *B. thuringiensis* EG12111 or EG12121 cell under conditions effective to produce a composition comprising a *B. thuringiensis* polypeptide; and

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(b) obtaining said composition from said cell.

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33. The composition according to claim 32, wherein said composition is toxic to an insect cell.

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34. The composition according to claim 32, wherein said composition is comprised within an insecticidal formulation.

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35. The composition of claim 34, wherein said insecticidal formulation is a plant protective spray.

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36. A method of preparing a *B. thuringiensis* crystal protein comprising:

(a) culturing a *B. thuringiensis* EG12111 or EG12121 cell under conditions effective to produce a *B. thuringiensis* crystal protein; and

(b) obtaining said *B. thuringiensis* crystal protein from said cell.

5 37. A method of killing an insect cell, comprising providing to an insect cell an insecticidally-effective amount of a composition in accordance with claim 32.

38. The method of claim 37, wherein said insect cell is comprised within an insect.

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39. The method of claim 38, wherein said insect ingests said composition by ingesting a plant coated with said composition.

15 40. The method of claim 38, wherein said insect ingests said composition by ingesting a transgenic plant which expresses said composition.

20 41. A purified antibody that specifically binds to a polypeptide comprising the amino acid sequence of SEQ ID NO:59 or SEQ ID NO:61.

42. The antibody of claim 41, operatively attached to a detectable label.

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43. An immunodetection kit comprising, in suitable container means, an antibody according to claim 41, and an immunodetection reagent.